

-1- (JAPIO)

TITLE
PATENT APPLICANT
INVENTORS

PATENT NUMBER
APPLICATION DETAILS
SOURCE

INT'L PATENT CLASS
JAPIO CLASS
ABSTRACT

AIR BUTTON BATTERY
(2000582) MATSUSHITA ELECTRIC IND CO LTD
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SAWAI, TADASHI

88.08.15 J63195975, ~~JP 63-195975~~
87.02.06 87JP-026662, 62-26662
88.12.13 SECT. E, SECTION NO. 693; VOL. 12, NO. 476,
PG. 74.

H01M-012/06

42.9 (ELECTRONICS--Other)

PURPOSE: To stabilize the internal resistance of a battery even after vibration is applied by using zinc powder obtained by granulating fine particles as a negative active material.

CONSTITUTION: Zinc powder obtained by granulating fine particles is used as a negative active material. 200-400mesh fine zinc powder is amalgamated in a wet process and granulated by binding zinc particles with mercury. The amalgamation rate is 7 wt%. The space for expansion formed inside a sealing plate is distributed among the zinc particles, and the zinc particles are uniformly dispersed inside the sealing plate apparently. Even after vibration is applied, the contact of zinc powder with a separator is kept good and an increase in internal resistance is prevented.